

(PREVIEW)

Indian Standard
SPECIFICATION FOR *KUSUM* OIL

FOREWORD

0.1 This Indian Standard was adopted by the Indian Standards Institution on 24 November 1966, after the draft finalized by the Oils and Oilseeds Sectional Committee had been approved by the Chemical Division Council and the Agricultural and Food Products Division Council.

0.2 *KUSUM* oil is obtained from the seeds of the tree, *Schleichera oleosa* (Lour.) Merr. syn. *S. trijuga* Willd., Fam. Sapindaceae which is largely cultivated in the eastern parts of India to serve as the host tree for lac insects. *KUSUM* tree is also known in Indian languages as *KUSUMB*, *KOSAM PAKRA*, *POOMARAM*, *POOVAM* and *POSUKIJ*.

0.3 *KU.SUM* oil is reputed to be the original macassar oil known for promoting the growth of hair. The oil has also medicinal properties. *KUSUM* oil can be used for soap making. The oil contains certain cyanogenetic glucosides and amides, which cause evolution of hydrogen cyanide and ammonia during soap making. Further, it gives a low yield of only about 4 percent of glycerine.

0.4 *KUSUM* oil, so far has limited availability for industrial purposes. Its use may provide a cheap source for soap making and thus relieve pressure on some of the other vegetable oils. It will also provide extra income to lac growers.

1. SCOPE

1.1 This standard prescribes the requirements and the methods of sampling and test for *KUSUM* oil.